

OBTAIN VITAL SIGNS: PULSE OXYGEN SATURATION

For use of this form see TC 8-800; the proponent agency is TRADOC.

TABLES: IV

REFERENCES: STP 8-68W13-SM-TG, Task: 081-833-0164, Measure a Patient's Pulse Oxygen Saturation; Emergency Care and Transportation of the Sick and Wounded.

1. Soldier (*Last Name, First Name, MI*)

2. Date (YYYYMMDD)

CONDITIONS: Given a trauma or medical casualty requiring assessment and management in a clinical environment or field setting. You are not in a CBRN environment.

A critical skill in the thorough assessment and management of any casualty is the ability to quickly and accurately obtain a set of vital signs. The Soldier Medic must be able to accurately measure a casualty's pulse, respirations, blood pressure, and oxygen saturation level using the appropriate techniques and equipment.

STANDARDS: Perform all measures IAW Emergency Care and Transportation of the Sick and Injured. You must score at least 70% (*6 of 8 steps*) and not miss any critical (*) elements on the skill sheet.

SAFETY:

- o Risk Assessment: Low. All bodily fluids should be considered potentially infectious; always observe body substance isolation (BSI).
- o Precautions: Wear gloves and eye protection as a minimal standard of protection.
- o Environmental: None.

NOTE: Soldier Medics must be observed. (*Evaluator to Soldier Medic ratio is 1:6*).

TEST SCENARIO:

While responding to an emergency call, you encounter a casualty with a medical illness or trauma-related injury. During your assessment and management of this casualty, you must obtain a baseline set of vital signs. You must demonstrate the techniques and procedures for measuring pulse oxygen saturation; you have been provided the necessary medical equipment

3. Evaluator's Comments and After-Test Recommendations:

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OBTAIN VITAL SIGNS: PULSE OXYGEN SATURATION GRADING SHEET

TASK	COMPLETED					
	1ST		2ND		3RD	
	P	F	P	F	P	F
4.						
a. * Took/verbalized body substance isolation (BSI) precautions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Explained the procedure to the casualty, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Positioned the casualty, seated or lying supine.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Selected an index or middle finger, free of nail polish or artificial nails. Used alcohol swabs to clean and prepare the digit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Turned the pulse oximeter power on.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Placed the pulse oximeter on the finger selected/prepared. NOTE: The result will appear on the pulse oximeter as "SaO₂" (oxygen saturation).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. * Documented the results as a percentage and time obtained on the appropriate medical form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Removed the device unless continuous monitoring is required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* CRITICAL ELEMENTS

**OBTAIN VITAL SIGNS: PULSE OXYGEN SATURATION
GRADING SHEET (cont'd)**

5. Demonstrated Proficiency

Yes

☐

No

☐

6. Start Time

7. Stop Time

8. Initial Evaluator

9. Start Time

10. Stop Time

11. Retest Evaluator

12. Start Time

13. Stop Time

14. Final Evaluator

15. Remarks

OBTAIN VITAL SIGNS: PULSE OXYGEN SATURATION EVALUATOR GUIDELINES AND INSTRUCTIONS

Inform the Soldier Medic of the CONDITIONS and STANDARDS as stated on this form.
Provide an optional scenario, if appropriate. This scenario should reinforce the unique or particular needs of the unit.
Allow sufficient time for the Soldier Medic to extract information from the scenario.
Provide each evaluator with the grading sheet.
Ensure the Soldier Medic has all required materials.
Explain how the exercise is graded.

Resource Requirements:

Evaluator: Grading sheet and applicable scenario.

Soldier Medic: Applicable scenario, pulse oximetry monitor, alcohol swabs.

Additional Scoring Guidelines:

Documented the results as a percentage and time obtained on the appropriate medical form.

Example: SaO₂ 98%.